

L Number	Hits	Search Text	DB	Time stamp
1	10	((antithrombin adj ("3" or III)) same (purification or purify or purified)) and (@pd<=20000127 or @rlad<=20000127)) and ((alpha and beta) same (antithrombin or AT))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/06 10:18
2	2806	antithrombin adj ("3" or III)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/06 10:19
3	57	(antithrombin adj ("3" or III)) and hydroxylapatite	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/06 11:03
4	26	calcium adj hydroxyphosphate	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/06 10:20
5	59	(antithrombin adj ("3" or III)) and (hydroxylapatite or hydroxyphosphate)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/06 10:20
6	2	((antithrombin adj ("3" or III)) and (hydroxylapatite or hydroxyphosphate)) and (calcium adj hydroxyphosphate)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/06 10:20
7	458	calcium same (hydroxylapatite or hydroxyphosphate)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/06 10:20
10	2	((antithrombin adj ("3" or III)) and (hydroxylapatite or hydroxyphosphate)) and (calcium adj (hydroxylapatite or hydroxyphosphate))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/06 10:20
9	3	((antithrombin adj ("3" or III)) and (hydroxylapatite or hydroxyphosphate)) and (calcium same (hydroxylapatite or hydroxyphosphate))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/06 10:21
8	73	calcium adj (hydroxylapatite or hydroxyphosphate)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/06 10:54
11	21	(antithrombin adj ("3" or III)) and apatite	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/06 11:03
12	79	(antithrombin adj ("3" or III)) and (apatite or hydroxylapatite or (calcium adj hydroxyphosphate))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/06 11:07
13	2	(antithrombin adj ("3" or III)) same (apatite or hydroxylapatite or (calcium adj hydroxyphosphate))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/06 11:06
14	4	(antithrombin) same (apatite or hydroxylapatite or (calcium adj hydroxyphosphate))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/06 11:09
15	52	((antithrombin adj ("3" or III)) and (apatite or hydroxylapatite or (calcium adj hydroxyphosphate))) and (@pd<=20000127 or @rlad<=20000127)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/06 11:09
16	1	((antithrombin adj ("3" or III)) and (apatite or hydroxylapatite or (calcium adj hydroxyphosphate))) and (@pd<=20000127 or @rlad<=20000127)) and (antithrombin same isoforms)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/06 11:09

17	19	((antithrombin adj ("3" or III)) and (apatite or hydroxylapatite or (calcium adj hydroxyphosphate))) and (@pd<=20000127 or @rlad<=20000127)) and (antithrombin same (alpha or beta))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/06 11:10
18	3	((antithrombin adj ("3" or III)) and (apatite or hydroxylapatite or (calcium adj hydroxyphosphate))) and (@pd<=20000127 or @rlad<=20000127)) and (antithrombin adj5 (alpha or beta))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/06 11:10
-	1708	antithrombin adj ("3" or III)	USPAT; US-PGPUB	2004/04/06 10:18
-	193	(antithrombin adj ("3" or III)) same (purification or purify or purified)	USPAT; US-PGPUB	2003/02/05 13:46
-	169	((antithrombin adj ("3" or III)) same (purification or purify or purified)) and (@pd<=20000127 or @rlad<=20000127)	USPAT; US-PGPUB	2003/02/05 14:08
-	61	((antithrombin adj ("3" or III)) same (purification or purify or purified)) and (@pd<=20000127 or @rlad<=20000127)) and (alpha and beta)	USPAT; US-PGPUB	2003/02/05 14:09
-	5	((antithrombin adj ("3" or III)) same (purification or purify or purified)) and (@pd<=20000127 or @rlad<=20000127)) and (alpha and beta) same antithrombin	USPAT; US-PGPUB	2003/02/05 14:10
-	7	((antithrombin adj ("3" or III)) same (purification or purify or purified)) and (@pd<=20000127 or @rlad<=20000127)) and ((alpha and beta) same (antithrombin or AT))	USPAT; US-PGPUB	2004/04/06 10:18
-	56	(at or antithrombin) adj ("3" or III) adj (alpha or beta)	USPAT; US-PGPUB	2003/02/05 19:24
-	5	(at or antithrombin) adj ("3" or III) adj (beta)	USPAT; US-PGPUB	2003/02/05 19:26
-	68	hydroxyphosphate	USPAT; US-PGPUB	2003/02/05 15:37
-	1	(calcium adj hydroxyphosphate) same adsorbent	USPAT; US-PGPUB	2003/02/05 15:36
-	16	hydroxyphosphate and purification	USPAT; US-PGPUB	2003/02/05 15:37
-	19	calcium adj hydroxyphosphate	USPAT; US-PGPUB	2004/04/06 10:19
-	3847	hydroxylapatite	USPAT; US-PGPUB	2003/02/05 16:55
-	1731	antithrombin adj ("3" or III)	USPAT; US-PGPUB	2003/02/05 15:52
-	36	(antithrombin adj ("3" or III)) and hydroxylapatite	USPAT; US-PGPUB	2004/04/06 10:19
-	20	hydroxylapatite same carbohydrate	USPAT; US-PGPUB	2003/02/05 19:25
-	1	hydroxyphosphate same adsorbent	USPAT; US-PGPUB	2003/02/05 18:10
-	130	((at or antithrombin) adj ("3" or III)) and cohn	USPAT; US-PGPUB	2003/02/05 19:25
-	118	hydroxylapatite same heparin	USPAT; US-PGPUB	2003/02/05 19:25
-	29	(hydroxylapatite same heparin) and ((at or antithrombin) adj ("3" or III))	USPAT; US-PGPUB	2003/02/05 19:26
-	0	((at or antithrombin) adj ("3" or III)) same cohn) and ((hydroxylapatite same heparin) and ((at or antithrombin) adj ("3" or III)))	USPAT; US-PGPUB	2003/02/05 19:26
-	19	((at or antithrombin) adj ("3" or III)) same cohn	USPAT; US-PGPUB	2003/02/05 19:40
-	1	("2,390,074").PN.	USPAT; US-PGPUB	2003/02/05 19:37
-	467	(cohn adj fraction)	USPAT; US-PGPUB	2003/02/05 19:40
-	3815	((at or antithrombin) adj ("3" or III))	USPAT; US-PGPUB	2003/02/05 19:41
-	9	((at or antithrombin) adj ("3" or III)) same ((cohn adj fraction))	USPAT; US-PGPUB	2003/02/05 19:41
-	2311	antithrombin	USPAT; US-PGPUB	2003/02/10 10:19
-	2	antithrombin same hydroxyapatite	USPAT; US-PGPUB	2003/02/10 10:19

-	49	antithrombin and hydroxyapatite	USPAT; US-PGPUB	2003/02/10 10:32
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NEWS	19	DEC 22	ABI-INFORM now available on STN
NEWS	20	JAN 27	Source of Registration (SR) information in REGISTRY updated and searchable
NEWS	21	JAN 27	A new search aid, the Company Name Thesaurus, available in CA/CAPLUS
NEWS	22	FEB 05	German (DE) application and patent publication number format changes
NEWS	23	MAR 03	MEDLINE and LMedline reloaded
NEWS	24	MAR 03	MEDLINE file segment of TOXCENTER reloaded
NEWS	25	MAR 03	FRANCEPAT now available on STN
NEWS	26	MAR 29	Pharmaceutical Substances (PS) now available on STN
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NEWS	29	MAR 29	New monthly current-awareness alert (SDI) frequency in RAPRA
NEWS EXPRESS			MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 3 MARCH 2004
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NEWS WWW			CAS World Wide Web Site (general information)

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-	49	antithrombin and hydroxyapatite	USPAT; US-PGPUB	2003/02/10 10:32
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=> s antithrombin
L1 54146 ANTITHROMBIN

=> s antithrombin (w) (alpha or beta)
L2 97 ANTITHROMBIN (W) (ALPHA OR BETA)

=> s antithrombin (w) (III (w) (alpha or beta))
L3 408 ANTITHROMBIN (W) (III (W) (ALPHA OR BETA))

=> d l3 1

L3 ANSWER 1 OF 408 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:787787 CAPLUS
DN 140:233775
TI Content of Autoantibodies to Bradykinin and β -Amyloid1-42 as a
Criterion for Biochemical Differences between Alzheimer's Dementias
AU Myagkova, M. A.; Gavrilova, S. I.; Lermontova, N. N.; Kalyn, Ya. B.;
Selezneva, N. D.; Zharikov, G. A.; Kolykhalov, I. V.; Abramenko, T. V.;
Serkova, T. P.; Bachurin, S. O.
CS Institute of Physiologically Active Substances, Department of Biochemical
Assays, Russian Academy of Medical Sciences, Chernogolovka, Russia
SO Bulletin of Experimental Biology and Medicine (Translation of Byulleten
Eksperimental'noi Biologii i Meditsiny) (2003), 136(1), 49-52
CODEN: BEXBAN; ISSN: 0007-4888
PB Kluwer Academic/Consultants Bureau
DT Journal
LA English
RE.CNT 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d l3 1 hit

L3 ANSWER 1 OF 408 CAPLUS COPYRIGHT 2004 ACS on STN
 AB We measured serum content of autoantibodies to β -amyloid protein
 $A\beta$ 1-42, its neurotoxic fragment $A\beta$ 25-35, vasopressin,
 bradykinin, thrombin, **antithrombin III**, **.alpha**
 .2-macroglobulin, and angiotensin II in patients with various forms of
 Alzheimer's dementias, including presenile and senile dementias of the
 Alzheimer type. The ratio of antibradykinin and anti- $A\beta$ 1-42
 autoantibody contents differed by 39% in these patients. Our results can
 be used for the development of a new biochem. method for differential
 diagnostics of dementias of the Alzheimer type.

=> s l3 and (apatite or hydroxylapatite or (calcium (w) hydroxyphosphate))
 L4 1 L3 AND (APATITE OR HYDROXYLAPATITE OR (CALCIUM (W) HYDROXYPHOSP
 HATE))

=> d l4 bib hit

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 2001:677259 CAPLUS
 DN 135:223439
 TI Purification of antithrombin III by column chromatography
 IN Karlsson, Goran
 PA Swed.
 SO U.S. Pat. Appl. Publ., 5 pp.
 CODEN: USXXCO
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2001021770	A1	20010913	US 2001-766098	20010119
PRAI	SE 2000-177	A	20000121		
	US 2000-178355P	P	20000127		

AB The present invention relates to a process for the preparation of a solution
 comprising a substantially pure isoform of AT-III, said process comprising
 separating the isoform AT-III α from AT-III β on a **calcium**
hydroxyphosphate-based adsorbent.
 ST protein purifn; **calcium hydroxyphosphate** adsorbent
 column chromatog antithrombin III
 IT 9000-94-6P, **Antithrombin iii**
 RL: PUR (Purification or recovery); PREP (Preparation)
 (**alpha** and **beta**, purification of antithrombin III)

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FILE 'BIOSIS' ENTERED AT 11:11:10 ON 06 APR 2004
COPYRIGHT (C) 2004 BIOLOGICAL ABSTRACTS INC. (R)

=> s antithrombin
L1 54146 ANTITHROMBIN

=> s antithrombin (w) (alpha or beta)
L2 97 ANTITHROMBIN (W) (ALPHA OR BETA)

=> s antithrombin (w) (III (w) (alpha or beta))
L3 408 ANTITHROMBIN (W) (III (W) (ALPHA OR BETA))

=> d l3 1

L3 ANSWER 1 OF 408 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:787787 CAPLUS
DN 140:233775
TI Content of Autoantibodies to Bradykinin and β -Amyloid1-42 as a
Criterion for Biochemical Differences between Alzheimer's Dementias
AU Myagkova, M. A.; Gavrilova, S. I.; Lermontova, N. N.; Kalyn, Ya. B.;
Selezneva, N. D.; Zharikov, G. A.; Kolykhalov, I. V.; Abramenko, T. V.;
Serkova, T. P.; Bachurin, S. O.
CS Institute of Physiologically Active Substances, Department of Biochemical
Assays, Russian Academy of Medical Sciences, Chernogolovka, Russia
SO Bulletin of Experimental Biology and Medicine (Translation of Byulleten
Eksperimental'noi Biologii i Meditsiny) (2003), 136(1), 49-52
CODEN: BEXBAN; ISSN: 0007-4888
PB Kluwer Academic/Consultants Bureau
DT Journal
LA English
RE.CNT 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d l3 1 hit

L3 ANSWER 1 OF 408 CAPLUS COPYRIGHT 2004 ACS on STN
 AB We measured serum content of autoantibodies to β -amyloid protein
 $A\beta$ 1-42, its neurotoxic fragment $A\beta$ 25-35, vasopressin,
 bradykinin, thrombin, **antithrombin III**, **.alpha**
 .2-macroglobulin, and angiotensin II in patients with various forms of
 Alzheimer's dementias, including presenile and senile dementias of the
 Alzheimer type. The ratio of antibradykinin and anti- $A\beta$ 1-42
 autoantibody contents differed by 39% in these patients. Our results can
 be used for the development of a new biochem. method for differential
 diagnostics of dementias of the Alzheimer type.

=> s l3 and (apatite or hydroxylapatite or (calcium (w) hydroxyphosphate))
 L4 1 L3 AND (APATITE OR HYDROXYLAPATITE OR (CALCIUM (W) HYDROXYPHOSP
 HATE))

=> d l4 bib hit

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 2001:677259 CAPLUS
 DN 135:223439
 TI Purification of antithrombin III by column chromatography
 IN Karlsson, Goran
 PA Swed.
 SO U.S. Pat. Appl. Publ., 5 pp.
 CODEN: USXXCO
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2001021770	A1	20010913	US 2001-766098	20010119
PRAI	SE 2000-177	A	20000121		
	US 2000-178355P	P	20000127		

AB The present invention relates to a process for the preparation of a solution
 comprising a substantially pure isoform of AT-III, said process comprising
 separating the isoform AT-III α from AT-III β on a **calcium**
hydroxyphosphate-based adsorbent.
 ST protein purifn; **calcium hydroxyphosphate** adsorbent
 column chromatog antithrombin III
 IT 9000-94-6P, **Antithrombin iii**
 RL: PUR (Purification or recovery); PREP (Preparation)
 (**alpha** and beta, purification of antithrombin III)